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PATENT
8062-1023

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Fumihide NISHIO

Application No. 10/501,671 ✓

Filed July 16, 2004

HIGH-CONCENTRATION PREPARATION
OF SOLUBLE THROMBOMODULIN

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

September 30, 2004

Sir:

In compliance with Rules 1.97 and 1.98, and in fulfillment of the duty of disclosure under Rule 1.56, the accompanying documents, copies of which are attached to this statement, are made of record on the enclosed sheet.

As the USPTO has waived the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and patent publication for applications filed after June 30, 2003, copies of the cited U.S. references are not enclosed, as the present application is filed after June 30, 2003. Copies of the cited foreign patent documents and/or non-patent literature are enclosed.

A concise explanation of the relevance of these items is that these references were discovered during any searches they or their client had made, or that they were considered in the preparation of the application.

Respectfully submitted,

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Enclosures: ☒ Form PTO-1449(s)
☒ Documents
☐ Foreign Search Report
☐ Other: _____

(Use several sheets if necessary)

8062-1023

10/501,671

Fumihide NISHIO

July 16, 2004

Group Art Unit:

~~CONFIDENTIAL~~ PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	0 489 180	6/10/1992	EUROPEAN				
	0 445 681	9/11/1991	EUROPEAN				
	0 412 841	2/13/1991	EUROPEAN				
	0 376 251	7/4/1990	EUROPEAN				
	WO 93/15755	8/19/1993	INTERNATIONAL				
	WO 92/03149	3/5/1992	INTERNATIONAL				
	11-171 790 (with English abstract)	6/29/1999	JAPAN				x
	5-213998 (with English abstract)	8/24/1993	JAPAN				x
	4-210700 (with English abstract)	7/31/1992	JAPAN				x

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Nawa, K. et al., "The Glycosaminoglycan of Recombinant Human Soluble Thrombomodulin Affects Antithrombotic Activity in a Rat Model of Tissue Factor-Induced Disseminated Intravascular Coagulation", <i>Thrombosis and Haemostasis</i> , F.K. Schattauer Verlagsgesellschaft mbH (Stuttgart) 366-370 (1992)
		Wen, D. et al., "Human Thrombomodulin: Complete cDNA Sequence and Chromosome Localization of the Gene", <i>Biochemistry</i> , 1987, 26, 4350-4357
		Zushi, M. et al., "The Last Three Consecutive Epidermal Growth Factor-like Structures of Human Thrombomodulin Comprise the Minimum Functional Domain for Protein C-activating Cofactor Activity and Anticoagulant Activity", <i>The Journal of Biological Chemistry</i> , Vol. 264, No. 18, Issue of June 25, pp. 10351-10353

* Abstract provided for the Examiner's convenience